Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 1st & Part Bill

Date.....2023

Zone: **BBMP, Yalahanka** Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Sahakar Nagara**

Bill Received No. Dated Divisional / Sub-Divisional

Cash Book Voucher No.....Dated.....

Schedule Docket No.

Job Code: 007-24-000008

Head of Account: P3877 **Est.Cost: Rs. 1000.00 Lakhs**

Name of Work : Package No. 02 (Package Consists of 05 Works Rs. 1000.00 Lakhs)1. Improvement of roads, drains and other allied works at Sindhi College road and surrounding areas in ward No. 09 Kempapura. 2. Improvement of roads, drains and other allied works at F block Sahakaranagara and surrounding areas in ward No. 09 Hebbala Kempapura. 3. Improvement of roads, drains and other allied works at Sanjeevininagar and surrounding areas in ward No. 09 Hebbala Kempapura. 4. Improvement of roads, drains and other allied works at Cauvery Enclave, Sampige road, Thindlu village, Indian Express layout, Dhanalakshmi layout and surrounding areas in ward No. 10 Byatarayanapura. 5. Improvement of roads, drains and other allied works at Byatarayanapura Village and surrounding areas in ward No. 10 Byatarayanapura.

AS No.: AS/EE(BTP)/78/2023-24, Date:07-03-2024 **TS No.:** TS/CE(YNK)/21/2023-24, Date: 18-11-2023

Name of Contractor and Full Address: Sri Gopi Reddy

Reference to Agreement No. BBMP/EE/BTP/WO/35/2023-24 Date: 15-Mar-2024

Certified that the measurements were taken by me on: 4/7/24 and recorded of Pages 559829 to 8004 of measurement Book No. and that work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that measurement were taken by me on 04/07/24 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

1) Total value of work done or supplies made as per account within			
2) Deduct amount to be held in reserve being.....Percent Rs.....			
3) " Balance			
4) Deduct Payment: 1st & part →	total	59619500	00
a) Amount of previous payment as in the Office Cash Book Voucher	I+	505250	00
No.....Dated.....S.D.No.....	CGST	505250	00
adjusted towards cash advance recovery of	SGST	505250	00
b) Payments cost store or other material supplied.	CESS	505250	00
Now made recovery of amount creditable to this /other work	CBF	50525	00
Amount paid on this bill Cheque/Cash. (177975) →	CR	177975	00
5) Balance being unpaid value of work done held in reserve.			
6) Deduct cash advance made on the Office cash Book Voucher No.....			
dated .....less adjustments. **Total Amount Adjusted -**	Ded.	2249500	00
7) Net amount due to or from Contractor unadjustments items.	Net Pay.	57370000	00
8) Advance to Contractor for materials brought to site (as detailed) within			
9) Value of Government materials supplied.			

Received Rs.....(in words) Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1
2

Dated Signature of Contractor Stamp

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Head of Account P3877 Amruth Nagarathana

Bill Passed for Rs. 59619500/-

Statutory Deductions Rs. 2249500 By Adjustment

Net Amount Paid Rs. 57370000/- By NEFT/RTGS

C/V	Account Superintendent Byatarayanapura Division BBMP	Executive Engineer Byatarayanapura Division BBMP
26/8/24		

Name of Work: Package No. 02 (Package Consists of 05 Works Rs. 1000.00 Lakhs)1. Improvement of roads, drains and other allied works at Sindhi College road and surrounding areas in ward No. 09 Kempapura. 2. Improvement of roads, drains and other allied works at F block Sahakaranagara and surrounding areas in ward No. 09 Hebbala Kempapura. 3. Improvement of roads, drains and other allied works at Sanjeevininagar and surrounding areas in ward No. 09 Hebbala Kempapura. 4. Improvement of roads, drains and other allied works at Cauvery Enclave, Sampige road, Thindlu village, Indian Express layout, Dhanalakshmi layout and surrounding areas in ward No. 10 Byatarayanapura. 5. Improvement of roads, drains and other allied works at Byatarayanapura Village and surrounding areas in ward No. 10 Byatarayanapura.

ABSTRACT

Sl No	Description of Work	Unit	As Per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	Removing and resetting of footpath slab	Sqm	12572.58	246.70	3101655.49	-	-	12384.03	246.70	3055140.20	12384.03	3055140.20
2	Removing and resetting of kerb stone	Rmtr	4735.90	123.90	586778.01	-	-	4735.90	123.90	586778.01	4735.90	586778.01
3	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. In all kinds of soils Depth upto 1.5 m	Cum	6311.10	279.50	1763952.45	-	-	4520.89	279.50	1263588.76	4520.89	1263588.76
4	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	100.95	8232.10	831030.50	-	-	100.95	8232.10	831030.50	100.95	831030.50

Sl No	Description of Work	Unit	As Per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
5	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates	Cum	586.47	7180.00	4210854.60	-	-	422.35	7180.00	3032473.00	422.35	3032473.00
6	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. All other type of structures	tonne	13.50	91249.00	1231861.50	-	-	13.50	91249.00	1231861.50	13.50	1231861.50
7 7A	Providing and laying 100mm thick pre-cast cover slabs over Road side drains / utility ducts / Rain water harvesting pit of width not exceeding 1000 mm using M20 concrete reinforced with TMT bars Fe 550 @ 6kg/m2, slabs jointed in CM 1:3 proportion and nicely finished Including providing holes in the Cover slabs wherever necessary for easy drain age of surface waterincluding of labour, materials, scaffolding, usage of machinery, curing, lead and lift charges etc, Complete.	Sqm	4576.28	1351.20	6183462.78	-	-	4576.28	1351.20	6183469.54 6183462.78	4576.28	6183469.54 6183462.78
7B	**Above 125%**	Sqm	143.12	1351.20	193376.99	-	-	143.12	1351.20	193383.74 193376.99	143.12	193383.74 193376.99
8	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge.	Sqm	387.15	5288.30	2047365.35	-	-	309.51	5288.30	1636781.73	309.51	1636781.73

Sl No	Description of Work	Unit	As Per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
9	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.	Sqm	2134.38	1421.70	3034440.94	-	-	2134.38	1421.70	3034440.94	2134.38	3034440.94
9A												
9B	**Above 125%**	Sqm	1309.11	1421.70	1861154.58	-	-	1309.11	1421.70	1861154.58	1309.11	1861154.58
10	Providing ruled pointing to coursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as per specification.	Sqm	3446.48	345.30	1190069.54	-	-	3446.48	345.30	1190069.54	3446.48	1190069.54
11	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates	Cum	293.54	7210.00	2116423.40	-	-	253.12	7210.00	1824995.20	253.12	1824995.20
12	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	70.46	8032.60	565977.00	-	-	55.76	8032.60	447897.78	55.76	447897.78

Sl No	Description of Work	Unit	As Per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
13	Providing and fixing pre cast solid cement concrete Kerb Stones made out of M20 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading, unloading, lead and lift transportion etc., complete as directed by the Engineer in charge of the work(from finish concrete and no painting to be done)	Nos	3437.23	532.30	1829634.87	-	-	3437.23	532.30	1829637.53 1829634.87	3437.23	1829637.53 1829634.87
13A	**Above 125%**	Nos	2991.78	532.30	1592521.83	-	-	2991.78	532.30	1592524.69 1592521.83	2991.78	1592524.69 1592521.83
14	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concretesurfaces. MORTH Chapter 803	Sqm	2082.50	125.90	262186.75	-	-	0.00	125.90	0.00	0.00	0.00
15	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately.	Cum	2306.30	650.20	1499556.26	-	-	1866.50	650.20	1213598.30	1866.50	1213598.30
16	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.	Cum	3103.44	109.70	340447.37	-	-	1453.47	109.70	159445.66	1453.47	159445.66

Sl No	Description of Work	Unit	As Per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
17	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 14:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 140 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 7 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing	Cum	466.82	5682.10	2652517.92	-	-	295.11	5682.10	1676844.53	295.11	1676844.53
18	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	Cum	1348.63	2955.40	3985741.10	-	-	197.06	2955.40	582391.12	197.06	582391.12
19	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators,including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates	Cum	794.99	6164.80	4900954.35	-	-	794.99	6164.80	4900954.35	794.99	4900954.35

Sl No	Description of Work	Unit	As Per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
20	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383:2016:, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, primer, sealant, curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.	Cum	1200.14	7800.10	9361212.01	-	-	1099.16	7800.10	8573557.92	1099.16	8573557.92
21	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 kg/m2 using mechanical means MORTH Specification No. 502	Sqm	15699.30	47.40	744146.82	-	-	0.00	47.40	0.00	0.00	0.00
22	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	805.53	10912.60	8790426.68	-	-	0.00	10912.60	0.00	0.00	0.00
23	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification No. 503	Sqm	46314.50	13.90	643771.55	-	-	0.00	13.90	0.00	0.00	0.00

Sl No	Description of Work	Unit	As Per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
24	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	1853.68	12650.70	23450349.58	-	-	0.00	12650.70	0.00	0.00	0.00
25	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification No. 803	Sqm	1729.85	612.10	1058841.19	-	-	0.00	612.10	0.00	0.00	0.00
26	Unload ing, Loading & Carriage of MaterialsLoading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 5.5 m3)	Cum	10845.17	155.90	1690762.00	-	-	7840.66	155.90	1222358.89	7840.66	1222358.89
27	Cost of Haulage Excluding Loading and Unloading,Taking output 10 t load and lead 10 km = 100 t.km	t.km	13881.83	207.90		-	-	11566.82	207.90	2404741.88	11566.82	2404741.88
	Total					Sub total		50529119.69		50529100.85		50529100.85
	GST 18%					Round off		50525000.00		9095238.15		9095238.15
	Grand Total					Gst	18%	9094500.00		59624339.01		59624339.01
						G. total		59619500.00				

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Contractor

NEWZEN CONSULTANTS Bangalore

Consultants

Assistant Engineer

Asst Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore